

C.A

Polarographic analysis of sulfide compounds II
elemental sulfur and disulfides. Al. I. Gocher and A. D.
Shusharina (Leningrad Inst. of High Pressure Chem.,
Inst. Khim. S., 202 713050), *J. Chem. Phys.* 43, 6036 (1965). The
method is used to det. S and disulfides. Sublimed S was
detd. polarographically in 10% alc. in the presence of
0.05 N H₂SO₄ in K₂SO₄ alc. in the presence of 0.02 N
NaClO₄ and in a mixt. of benzene and alc. In the
presence of H₂SO₄ the reduction potential of S was -0.7
v. At -0.6 v. a max. was observed and at -1.1
v. diffusion current started. Above 0.6 millimoles per
l. S could not be detd. because the Hg at the bottom
became coated with a film of HgS. To det. S in kerosene
distillate, a mixt. of benzene and EtOH each 40% by vol.
was used as solvent and AcOH and Na acetate as elec-
trolytes. It must be carefully eliminated in these detns.
of the disulfides: di-*n*-butyl-*n*-butyl-, di-*n*-octyl-
disulfide, *n*-dodecyl-*n*-dodecyl-, *n*-diphenyl-*n*-diphenyl-, and
diphenyl-*n*-butyl-. When the -S-S- group was linked
to a phenyl radical its reduction potential was -0.5 v.,
and when linked to an alkyl radical the reduction potential
was -1.0 v. Al. Hirsch.

M. I. GERBER

Chemical Abstracts
May 25, 1954
Fuels and Carbonization
Products

(1)

✓Determination of the quality of sodium thioarsenate solutions. M. I. Gerber, V. P. Teodorovich, N. I. Brodskaya, and V. V. ~~1947~~. *Zhur. Priklad. Khim.* 26, 657-60 (1953). — Dctn. of the quality of $\text{Na}_2\text{HAs}_2\text{O}$ soln. (I) as a medium for removal of H_2S from gases contg. little CO_2 was studied in a lab. regeneration app. Regeneration cycle $\text{Na}_2\text{HAs}_2 + 1/2\text{O}_2 = \text{Na}_2\text{HAs}_2\text{O} + \text{S}$ in the proper I is accomplished within 10-15 min. If I contains too much Na_2CO_3 regeneration may require several hrs. Part of elemental S changes into NaHS , which during regeneration is oxidized to $\text{Na}_2\text{S}_2\text{O}_3$. pH of fresh I was 7.76 and the amt. of O absorbed during regeneration was 20 ml./100 ml. of I; it pptd. S 0.492 g./l. and formed $\text{Na}_2\text{S}_2\text{O}_3$ contg. 80.134 g./l.
F. J. Hendel

9-24-54
82/80

GERBER, M. I.

USSR/Chemistry - Combustion Kinetics Nov 53

"Investigation of Conditions of Ignition of Gas Mixtures. XXIV. Cold-Flame Ignition of Propane (I)," M. I. Gerber, M. B. Neyman, Inst Chem Phys, Acad Sci USSR

Zhur Fiz Khim, Vol 27, No 11, pp 1617-1621

Investigated the kinetics of the oxidation of I and the accumulation of peroxides and aldehydes in the beginning of the reaction. Demonstrated that addition of ethyl peroxide accelerates the oxidation of I and shortens the period of induction of the cold flame.

274T17

GERBER, I. I.

USSR/Chemistry - Combustion Kinetics Dec 53
"Investigation of the Conditions of Ignition of Gas
Mixtures. Comm 27. Kinetics of the Accumulation
of Peroxides and Aldehydes in the Oxidation of
Pentane (I)," M. I. Gerber, M. B. Neyman, Inst
Chem Physics, Acad Sci USSR

Zhur Fiz Khim, Vol 27, No 12, pp 1792-96

Expts described show that the concn of aldehydes
and org peroxides increases exponentially during
the induction period of cold-flame oxidation of I.
Admixt of hexadiene (II) inhibits formation of

275T12

intermediate products in this oxidation and in-
creases the induction period. II increases the
rate of formation of initial active centers and
at the same time reduces the autocatalysis factor.

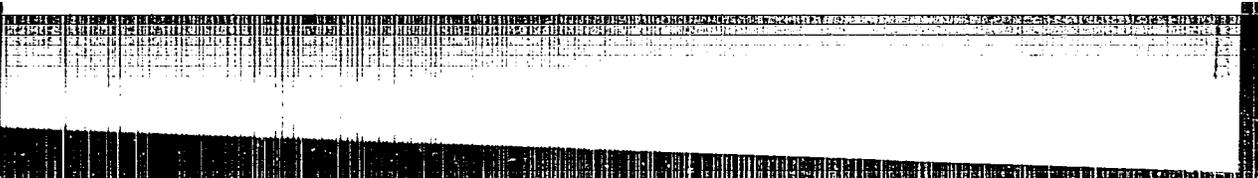
GERBER, M. I.; HEYMAN, M. B.

Study of conditions for the combustion of gaseous mixtures. Part
28. Kinetics of the accumulation of peroxides and aldehydes
during the oxidation of hexadiene-2,4. Zhur.fiz.khim. 29 no.3:
533-538 Mr '55. (MIRA 8:7)

1. Akademiya nauk SSSR, Institut khimicheskoy fiziki, Moscow
(Hexadiene) (Oxidation)

"APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000514820013-7



APPROVED FOR RELEASE: 09/24/2001

CIA-RDP86-00513R000514820013-7"

BRODSKAYA, N.I.; GERBER, M.I.; TEODOROVICH, V.P.; SHUSHARINA, A.D.

Regenerating solutions of oxythioarsenic compounds. Zhur. prikl. khim.
30 no.11:1588-1593 N '57. (MIRA 11:2)

1. Leningradskiy nauchno-issledovatel'skiy institut po pererabotke
nefti i polucheniyu iskusstvennogo topliva.
(Solution (Chemistry)) (Arsenic compounds) (Sulfur)

GERNER, M.I.

Adsorption of asphalt-tar components of petroleum by clays.
VNIGHI no.105:131-139 '57. (MIRA 11:9)
(Bituminous materials) (Adsorption) (Clay)

BRODSKAYA, N.I.; GERBER, M.I.; IORDAN, S.S.

Influence of the addition of some cations and buffered solutions
on the regeneration of arsenic-sodium carbonate solutions. Zhur.
prikl.khim. 31 no.1:13-19 Ja '58. (MIRA 11:4)

Leningradskiy nauchno-issledovatel'skiy institut po pererabotke
nafti i polucheniyu isskusstvennogo zhidkogo topliva.
(Cations) (Arsenic) (Sodium carbonates)

GERBER, H.I.; THEODOROVICH, V.P.; SHUSHARINA, A.D.

Rate of absorption of hydrogen sulfide by solutions of arsenic trioxide
and sodium carbonate. Zhur. prikl. khim. 31 no.10:1478-1483 0 '58.
(MIRA 12:1)

Leningradskiy nauchno-issledovatel'skiy institut po pererabotke
nefti i polucheniyu iskusstvennogo zhidkogo topliva.
(Hydrogen sulfide) (Absorption)

GERBER, M.I.; TEODOROVICH, V.P.; SHUSHARINA, A.D.

Investigation of the rate of absorption of hydrogen sulfide by solutions containing arsenic and soda. Zhur.prikl.khim. 31 no.11: 1624-1627 N '58. (MIRA 12:2)

1. Leningradskiy nauchno-issledovatel'skiy institut po pererabotke nefti i polucheniyu iskusstvennogo zhidkogo topliva.
(Hydrogen sulfide) (Solution (Chemistry)) (Absorption)

GERBER, Magda Loganovna; DVALI, Mikhail Fedorovich, prof.; TOKAREVA, T.N.,
vedushchiy red.; ZHIKHAREVA, M.Ya., tekhn.red.

[Natural compressed gases as a probable factor in the migration of
petroleum out of mother rocks] Prirodnye szhatye gazy kak veroiatnyi
faktor migratsii nefi iz materinskikh porod. Leningrad, Gos.-
nauchno-tekhn.izd-vo nefi.igorno-toplivnoi lit-ry. Leningr.otd-nie.
1961. 82 p. (Leningrad. Vsesoiuznyi nefianoi nauchno-issled-
ovatel'skii geolorazvedochnyi institut. Trudy, no.168).

(MIRA 14:8)

(Petroleum geology)

GERBER, M.I.; BERMANOVA, I.G.; LISTKOVA, T.S.; STRIGALEVA, N.V.

Determining the molecular weight of petroleum oils by isothermal distillation. Trudy VNIGRI no.174:210-217 '61.

(MIRA 14:12)

(Molecular weights)
(Petroleum)
(Bitumen)

RUZ'KIN, A.I., podpolkovnik meditsinskoy sluzhby; SERBEN, M.L., starshiy
leytenant meditsinskoy sluzhby

Oral hygiene at a remote garrison. Voen.-med. zhur. no. 6:79
Je '60. (MIRA 13:7)

(TEETH--CARE AND HYGIENE)

VARNAVSKIY, I.N.; MIKHAYLIKOV, S.V., kand. tekhn. nauk, starshiy nauchnyy sotrudnik; BAPTIZMANSKIY, V.I., kand. tekhn. nauk, dots.; LEVIN, S.L., prof., doktor tekhn. nauk.; OYKS, G.N., prof., doktor tekhn. nauk; GERBER, M.S.; BIGEYEV, A.M., kand. tekhn. nauk, dots.; LIFSHITS, S.I., kand. tekhn. nauk; POLYAKOV, A.Yu., kand. tekhn. nauk, starshiy nauchnyy sotrudnik; FOFANOV, A.A., kand. tekhn. nauk, starshiy nauchnyy sotrudnik; OGRYZKIN, Ye.M.; GONCHARENKO, N.I., kand. tekhn. nauk; ABRAMOV, B.A., nauchnyy sotrudnik; MALINOVSKIY, V.G.; LAPOTYSHKIN, N.M., kand. tekhn. nauk; AFANAS'YEV, S.G., kand. tekhn. nauk; SHUMOV, M.M., starshiy nauchnyy sotrudnik; IVANOV, Ye.V.; EPSHTAYN, Z.D., starshiy nauchnyy sotrudnik.

Discussions. Biul. TSNIICRM no.18/19:107-119 '57. (MIRA 11:4)

1. Nachal'nik konvertzogo tsekha Orsko-Khalilevskogo kombinata (for Varnavskiy). 2. Institut metallurgii Ural'skogo filiala AN SSSR (for Mikhaylikov, Abramov). 3. Direktor Ukrainskogo instituta metallov (for Goncharenko). 4. Dnepropetrovskiy metallurgicheskoy institut (for Baptizmanskiy, Levin). 5. Zaveduyushchiy kafedroy metallurgii stali Moskovskogo instituta stali (for Oyks). 6. Zaveduyushchiy laboratoriyey Yenakiyevskogo metallurgicheskogo tekhnikumna (for Gerber). 7. Kafedra metallurgii stali Magnitogorskogo gorno-metallurgicheskogo instituta (for Bigeyev). 8. Rukoboditel' konvertzernoy gruppy Tsentral'noy zavodskoy laboratorii zavoda im. Petrovskogo (for Lifshits). 9. Institut metallurgii im. Baykova AN SSSR (for Polyakov).

VARNAVSKIY, I.N.---(continued) Card 2.

10. Ural'skiy institut metallov (for Pofanov).
11. Institut chernoy metallurgii AN USSR (for Ogryzkin).
12. Nachal'nik Tsentral'noy zavodskoy laboratorii Yenakiyevskogo metallurgicheskogo zavoda (for Malinovskiy).
13. Tsentral'nyy nauchno-issledovatel'skiy institut chernoy metallurgii (for Iapotyshkin, Shumov, Spahteyn).
14. Nachal'nik konverternoy laboratorii Tsentral'nogo nauchno-issledovatel'skogo instituta chernoy metallurgii (for Afanas'yev).
15. Nachal'nik laboratorii Vsesoyuznogo nauchno-issledovatel'skogo instituta ogneporov (for Ivanov).

(Bessemer process)

24.2200

670¹⁶

AUTHOR: Richard Gerber

CZECH/37-59-4-3/16

TITLE: Some Magnetic Properties of Manganese Ferrite¹ Dust

PERIODICAL: Československý Časopis Pro Fysiku, 1959, Nr 4,
pp 355-362 + 1 plate

ABSTRACT: The aim of the present investigation was the determination of the dependence of the magnetic properties on the size of the particles of manganese ferrite. The manganese ferrite was prepared by a known method (e.g. Ref 2) of an additive solid-state reaction. The material was practically stoichiometric. The Curie temperature was 284 ± 1 °C. The manganese ferrite was ground and sorted into 12 fractions, with an average diameter varying from 400 ± 20 to 0.2 ± 0.03 microns. The permeability μ_0 , the saturated specific magnetisation σ_s and the coercive force H_c of a given sample, are determined by the following parameters: 1) the shape of the particles, 2) the size of the particles, d , (3) the shape of the sample, and (4) the apparent density of the sample ρ .
1) We assumed that the distribution of particle shapes was the same in all the fractions and therefore did not take the particle shape into consideration. ✓

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67016

CZECH/37-59-4.3/16

Some Magnetic Properties of Manganese Ferrite Dust

2) d was determined by containing each particle in an imaginary ellipsoid with axes a and b.

d = $\sqrt[3]{ab^2}$ (1)

3) The external shape of the sample was given by a glass tube with inner diameter 1.9 mm, length 40 mm, into which the manganese ferrite was compressed. 4) The apparent density of the samples was kept as near as possible to 2.7 g/cm³. This was not always possible and correction curves had to be introduced (see Fig 2). The permeability was determined by measuring the virginal hysteresis curve by a ballistic method. The specific saturated magnetism was also measured by a ballistic method, as was also the coercive force. The coercive force depends very little on the apparent density. This influence was, therefore, neglected. The dependence of the coercive force on the particle size is shown in Fig 4. The results are in good agreement with theoretical considerations and measurements on other materials (Refs 6,7). According to Néel (Ref 9) the coercive force of chaotically arranged single-domain particles is given, in our case, by:

H_c = 92.0σ

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67016

CZECH/37-59-4-3/16

Some Magnetic Properties of Manganese Ferrite Dust

If we extrapolate Fig 4 until it intersects a line giving $H_c = 92 \text{ Oe}$, we arrive at the size of the particle containing one domain only. We find:

$$R_c = 6 \cdot 10^{-2} \mu \tag{10}$$

The theoretical calculation of R_c (Refs 9, 10) would, in our case, lead to:

$$R_c = 2 \cdot 10^{-2} \mu \tag{13}$$

which is in good agreement with our experimental result. The dependence of the permeability on particle size is shown in Fig 5. It shows a similar dependence on the diameter of the particles as the coercive force on the reciprocal of the diameter. The specific saturated magnetism is shown in the Table. The mean value is $(70.2 \pm 0.5) \text{ Gg}^{-1}\text{cm}^3$. This value is in good agreement with the value measured on compact manganese ferrite (Ref 11). There are 6 figures, 1 table and 11 references, of which 3 are English, 4 Czech, 1 Italian, 1 French, 1 Russian and 1 German.

Card 3/3

ASSOCIATION: Matematicko-fyzikální fakulta KU, Praha (Faculty of Mathematics & Physics, Charles University, Prague)

Z/037/60/000/006/002/010
E073/E535

AUTHORS: Gerber, Richard and Vilím, František
TITLE: Apparatus for Rapid Measurement of the Curie Point of Ferrites
PERIODICAL: Československý časopis pro fysiku, 1960, No.6, pp.521-525

TEXT: Of various published methods the authors consider only the method described by Tatochenko and Lyndin (Zavodskaya lab., Vol.23, 1957, p.61) and Tul'chinskiy (Ibid, Vol.26, 1960, p.232) appropriate. They apply the initial susceptibility for determining the Curie temperature. In view of the high specific resistance of ferrites, this method is particularly suitable for measurements by means of an a.c. field. The method can be easily automated and the sensitivity remains sufficiently high. The Curie point is determined on the basis of the temperature dependence of the initial a.c. susceptibility, the magnitude of which is measured from the change of the inductance of the sensing coil inside which the specimen is located. The measurement is based on the equation

$$\kappa_0^{\#}(T_c) = A \kappa_0^{\#} \max$$

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E073/E535

Apparatus for Rapid Measurement of the Curie Point of Ferrites

where $\chi_o^*(T_c)$ is the apparent initial susceptibility at the Curie point, A is a constant which practically equals 1, and $\chi_o^*_{max}$ is the apparent maximum susceptibility. The temperature determined by means of this method is somewhat higher than the real Curie point temperature. However, the magnitude of the error is favourably influenced by the sharp drop of the initial susceptibility near the Curie point. In deriving the above equation, the author refers to another paper of his which is still to be published. The block schematics of the arrangement is given. As an a.c. source a 75 kc/s crystal oscillator is used. The signal from the oscillator is fed to a symmetrical resonance bridge, one branch of which consists of the inductance (sensing coil) in series with a variable capacitance, whilst the other branch contains a variable resistance. From the centre branch the signal is picked up inductively and fed to the input of an amplifier with an overall amplification of 1300. The furnace consists of two coaxial ceramic tubes, whereby the internal tube carries two layers of a bifilar platinum wire. The anode circuit of the first

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E073/E535

Apparatus for Rapid Measurement of the Curie Point of Ferrites
amplifier tube contains an LC loop, the output stage is a cathode follower and the output voltage is fed onto an oscillograph and also into a selenium amplifier in bridge (Graetz) connection. The rectified signal is then fed into a multi-channel recorder. Simultaneously, the furnace temperature, measured by a calibrated thermocouple, is also recorded. The specimens used are 8 mm dia., 15 mm long. The Curie point temperatures measured in the case of rising temperature differ from those measured in the case of falling temperature and, therefore, the arithmetic mean of the two is taken. The apparatus is suitable for temperatures up to 600°C. The measured accuracy is estimated at $\pm 1.3^\circ\text{C}$. The temperature range can be extended by using glass insulated sensing coils. As an example, the curves obtained on a manganese-zinc ferrite with excess manganese is reproduced. Acknowledgments are made to K. Závěta, physicist and Engineer Dušek for useful discussions and also to E. Burda for his comments. There are 3 figures and 5 references: 2 Soviet, 1 Czech and 2 French.

ASSOCIATION: Ústav technické fyziky ČSAV, Praha (Institute of Technical Physics, ČSAV, Prague)

SUBMITTED: April 16, 1960.
Card 3/3

SILBER, Richard

Methods of measuring magnetostriction. *Sosrodia* 3
no.6:470-499 '63.

1. Ustav fyziky pevných látek, Československá akademie věd,
Praha.

1. J. Čížek, R. V. Chelmsky, A. V. Chelmsky.

A research on the magnetic anisotropy of manganese ferrites.
Chekhosl. fiz. zhurnal 14 no. 11-884-890 1967.

1. Institute of Solid State Physics of the Czechoslovak
Academy of Sciences, Prague 6, Czechoslovakia 16.

L 34767-66

ACC NR: AP6026280

SOURCE CODE: CZ/0037/65/000/004/0340/0347

AUTHOR: Gorber, Richard; Vilin, Frantisek; Zavota, Karel

ORG: Institute of Solid State Physics, CSAV, Prague (Ustav Fyziky pevných látek CSAV)

TITLE: Low temperature measurements with a carbon thermometer

SOURCE: Ceskoslovensky casopis pro fyziku, no. 4, 1965, 340-347

TOPIC TAGS: thermometer, temperature measurement, carbon resistor

ABSTRACT: The paper discusses the choice of method for measuring temperatures in a range of roughly 2-90°K. The region of applicability and the accuracy in determination of the temperature with a carbon thermometer are found by evaluating the results of measurements of the temperature dependence of the carbon resistor. The authors thank Doctor A. Linek, UFPL, for help in preparing the program and for his advice with the calculations. Orig. art. has: 3 figures and 5 formulas. [Based on authors Eng. abst.] [JPRS]

SUB CODE: 14, 09 / SUBM DATE: 12 Dec64 / SOV REF: 001 / OTH REF: 011

Card 1/1 1175

GERBER, S. (Eng.)

"Stability of a surge tank placed downstream of a tunnel under pressure preceded by an open canal of a considerable length"

SO: ELEKTROPRIVREDA, May - June 1955

GERBER, V. Kh.

Role of allergy in the genesis of recurrent suppurative otitis media in children. Vest. otorin. no.3:76-83 '62.
(MIRA 15:6)

1. Iz kafedry bolezney ukha, nosa i gorla (zav. - prof. I. I. Shcherbatov) pediatricheskogo fakul'teta II Moskovskogo meditsinskogo Instituta imeni N. I. Pirogova.

(EAR—DISEASES) (ALLERGY)

GERBER, Ye.D.

Complete continuity of the enclosure operator. Usp.mat.nauk 13
no.2:169-173 Mr-Apr '58. (MIRA 11:4)
(Operators (Mathematics))

GERBER, E. L.

Gerber, E. L. "Anoxemia and hypertonia," Trudy Tsentr. in-ta psikhatrii, Vol. IV, 1949, P. 206-13

SO: U-4934, 29 Oct. 53. (Letopis 'Zhurnal 'nykh State., No. 16, 1949).

OERBER E. L.

Patologo-anatomiicheskie izmeneniia tsentral'noi nervnoi sistemy
pri slabaestvennoi forme gipertoni-cheskoi bolezni. /Pathologico-
anatomical modifications of the central nervous system in malignant
hypertension. / Arkh. pat., Moskva 12:4 July-Aug 50 p. 44-8.

1. Of the Department of Pathohistology of the Central Nervous System (Head -- Honored Worker in Science Prof. P. Ye. Snesarev), Central Scientific-Research Institute of Psychiatry (Director -- P. B. Pozvyanskiy) of the Ministry of Public Health RSFSR, Moscow.

OLML 19, 5, Nov 50

OKRIBER, Ye. I.

Pathological and anatomical changes in the brain in hypertension complicated by hemorrhage. Arkh. pat., Moskva 14 no.3:31-38 May-June 1952. (GIML 23:2)

1. Department of Pathohistology of the Central Nervous System (Head -- Honored Worker in Science Prof. P. Ye. Snesarev), Central Institute of Psychiatry, Ministry of Public Health, Moscow.

GERBER-ZWENIG, G.; POLON-OSWALD, P.

Separation of isotopes by ion migration. p.12.

ENERGIA IS / TONTECHNIKA. (Energiatudokozási Tudományos Egyesület)
Budapest, Hungary
Vol. 12, no.1, Jan. 1959

Monthly List of East European Accessions (EMEA) IC., Vol. 8, no.7, July 1959
Uncl.

PHASE I BOOK EXPLOITATION

SOV/6425

Gerberg, Anatoliy Aronovich, and Aleksandr Sergeyeovich Osipov

Stroitel'stvo aerodromov (Construction of Airports) Moscow, Avtotransizdat,
1962. 330 p. 3000 copies printed.

Ed.: B. S. Deberdeyev; Tech. Ed.: Ye. N. Galaktionova.

PURPOSE: This book is intended for engineers and technicians concerned with the design and construction of airports.

COVERAGE: The book generalizes Soviet and non-Soviet experiences accumulated by airport builders in respect to the efficiency of individual performance methods of leading work procedures involving the maximum use of mechanized means of progressive inventory devices and tools. Practical methods and procedures employed in individual airport construction operations are presented, and the procedures governing the operations of machinery and equipment manufactured in the Soviet Union and in current use by airport building organizations are elaborated. Data

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Construction of Airports

SOV/6425

are presented on the construction of runways, taxi strips, aprons, platforms, dirt strips, and drainage facilities. The construction of simple, improved, and asphalt-concrete surfacings is discussed briefly. The Preface and Chs. I, II, IX, X, and XI were written by Engineer A. A. Gerberg, and Chs. III through VIII, by Engineer A. S. Osipov. There are 20 references, all Soviet.

TABLE OF CONTENTS [Abridged]:

Foreword	3
Ch. 1. Preliminary Works	5
Ch. 2. Excavation Work	31
Ch. 3. Construction of Drainage and Water Runoff Networks	120
Card 2/3	

EXCERPTA MEDICA Sec.5 Vol.9/12 Pathology Dec 56

3623. GERBES E. L. Moscow. *The haemorrhages in the brain caused by acute (closed) trauma (Russian text) KORSKOFF Z. NEVROPAT. PSIKHIAT. (Mosk.) 1955, 55/9 (858-862) Illus. 5

A detailed histological study of the brain in cases of acute, closed trauma (5 observations). The films were first stained by the usual stains to get a general survey and then by selective methods for the demonstration of nerve cells, glia and argyrophillic granula. The basic changes seen in the brain tissue were characteristic of anoxaemia. Karyocytolysis, the central acidophilia of the nerve

cells, the appearance of ischaemic cells, the presence of blood circulation disturbance with haemorrhages and hyaline thrombi and the changes in the nerve cells, developed, according to the author, as a result of the circulatory anoxia, the changes in the vascular tonus and the profound disturbances of the haemo- and fluid dynamics; these were caused by disturbances in the vasomotor centres, resulting from an onslaught of the fluid wave against the walls of the third ventricle and the aqueduct. The following short-lived spasm of the vessels gives place to a paralytic dilatation; the lesions of permeability are explained by blood diapedesis in the surrounding tissue.

Uranova - Moscow (V.8)

GERBERG, Anatoliy Aronovich, inzh.; YEVORENKO, Gennadiy Isidorovich,
inzh.; SHAVEL'SKAYA, T., red.

[Apartment houses made of new materials; make extensive
use of perlite and keramzit in building] Doma iz novykh
materialov; perlity i keramzity - shirokuiu dorogu na
stroiki. Chita, Chitinskoe knizhnoe izd-vo, 1963. 70 p.
(MIRA 17:6)

PESTOV, Aleksey Ivanovich; GERBERG, T.Ye., otvetstvennyy redaktor; VOL-
GHOX, K.M., tekhnicheskly redaktor.

[Preventive repairs of harbor installations according to plan] Plano-
vo-predupreditel'nyi remont portovogo oborudovania. Leningrad, Gos.
isd-vo vodnogo transporta, Leningradskoe otd-nie, 1954. 111 p.
(Harbors) (Cranes, derricks, etc.) (MLRA 8:1)

SOVA, J.; GERBEROVA, E.; MALY, V.

Role of pulmonary embolism in the development of pulmonary edema.
Statistical analysis of 1013 cases. Sborn. lek. 63 no.5/6:130-136
My. 161.

1. II interni klinika fakulty vseobecneho lekarstvi University Karlovy
v Praze, prednosta prof. dr. F. Herles Ustav organizace zdravotnictvi
fakulty vseobecneho lekarstvi University Karlovy v Praze, prednosta
prof. dr. V. Prosek.

(PULMONARY EDEMA etiol) (PULMONARY EMBOLISM compl)

SMAREL, O., (Praha-Krc, Budejovicka 800); CERNUCH, A.; SORM, F.; KDNIG, J.;
VALENTA, O.; SVEHLA, C.; SVORC, J.; BLAHA, V.; UHER, V.;
GERBEROVA, J.

An attempt to treat chorionepithelioma with 6-azauridin. Cas. lek.
Cesk. 104 no.4:1085-1087 8 0 '65.

1. Vyzkumny ustav experimentalni terapie a interni katedra Ustavu
pro doskolovani lekaru v Praze (reditel prof. dr. O. Smahel, DrSc.),
Gynekol.-porodnicka klinika Ustavu pro doskolovani lekaru v Praze
(prednosta doc. dr. A. Cernoch) a Ustav organicke chemie a biochemie
Ceskoslovenske akademie ved (reditel akademik F. Sorm).

ILLARIONOV, V.V., red.; GERBURT, Ye.V., red.; VEKSER, A.A., red.;
PANTELEYEVA, L.A., tekhn. red.

[Vanadium catalysts for the manufacture of sulfuric acid
by the contact process] Vanadievye katalizatory dlia kon-
taktivnogo proizvodstva sernoi kisloty; sbornik statei.
Moskva, Goskhimizdat, 1963. 73 p. (MIRA 16:10)

1. Nauchno-issledovatel'skiy institut udobreniy i insekto-
fungisidov (for Illarionov).
(Sulfuric acid) (Vanadium catalysts)

GERBGARDT, O.G.; DUBININA, N.O.

Effect of granulated superphosphate upon soil microflora.
Mikrobiol.shur.15 no.4:55-62 '53. (MLRA 7:2)
(Soil microorganisms) (Phosphates)

GERBERY, Jozef, inž.

Calculation of heat required for wood heating. Drevo 18
no.3:103-106 Mr '63.

1. Katedra strojnictva a mechanizacie, Vysoka skola
lesnicka a drevarska, Zvolen.

GERBICHENKO, I.

Yearly planning of shipping assignments. Mor.flot 19 no.10:
5-6 0 '59. (MIRA 13:2)

1. Nachal'nik planovogo otdela Chernomorskogo parokhodstva.
(Shipping)

KALABINA, A.V.; KOGAN, R.Z.; GERBIK, V.I.

Synthesis and transformations of vinyl aryl ethers. Report No.14:
Reaction of vinyl aryl ethers with organic acids. Izv. Fiz.-khim.
nauch.-issl. inst. Irk. un. 4 no.2:167-189 '59. (MIRA 16:8)

(Ethers) (Acids, Organic)

GERBIL'SKIY, G.Sh., inzh.; MARKOV, V.A., inzh.

Using molybdenum disulfide to lubricate the equipment of rolling
mills. Stal' 23 no.10:958-959 0 '63. (MIRA 16:11)

1. Makeyevskiy metallurgicheskiy zavod i Vsesoyuznyy nauchno-
issledovatel'skiy institut po pererabotke nefi i gaza.

INKIN, V.P.; GHRBIL'SKIY, G.Yu. [Herbil's'kyi, H.Iu], otv.red.; KVITKO,
I.S., red.; SARANYUK, T.V., tekhnred.

[Study of the economic development of Lvov in the 18th century]
Narys ekonomichnogo rozvytku L'vova u XVIII stolitti. L'viv,
Vyd-vo L'vivs'koho univ., 1959. 89 p. (MIRA 13:1)
(Lvov--Economic conditions)

GERBIL'SKIY, I. S.

"The Relationship Between Molecular Weight and Viscosity of Polyvinylacetates, and the Polyvinyl Alcohols and Polyvinylbutyrals Derived From Them." Cand Chem Sci, Inst of High Molecular Compounds, Leningrad, 1954. (KL, No 2, Jan 55)

Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (13)

SO: Sum. No. 598, 29 Jul 55

5(3) F. - NAME: I. BOKHAROVICH 807/1579
 Polietilen nizhogo davleniya (Low-pressure Polyethylene) [Leningrad, Gosizdat, 1950. 90 p. (Series: Novyye plasticheskiye massy) 30,000 copies printed.
 Ed. (Title page): N.M. Yegorov. M. (Inside book): Ye. I. Shury
 Pub. No.: Ye. Ye. Brikh,.

NOTE: This booklet is intended for mechanical, engineers and technicians in industry, petroleum technology, food, pharmaceutical, electrical, machine building, measuring, radio engineering, automobile manufacturing, high-pressure technology, aviation, communications, machine- and ship-building, agriculture, construction and other branches of industry employing plastic materials.
 CONTENTS: The booklet describes a new material, polyethylene produced at low pressure. The industrial preparation and properties are described. The methods of making articles from this material and its application in building, machine building, aviation and other branches of science. The booklet was compiled by members of the Scientific Research Institute for Polymerized Plastics:
 Ch. I. I.M. Andreyev, S.V. Arshipov, Ye.V. Vasilenko, A.A. Lertini;
 Ch. II. I.M. Andreyev, Ye. M. Anisimov, Ye. V. Arshipov, S.P. Ivanov, S.I. Maslov, S.M. Dzhurav, and P.F. Shchepetilov; Ch. III: I.M. Gerasimov, S. Ye. Lyubshov, G.V. Puzosov and A.L. Puzosov. There are no references.

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 5-85-79

ANDREYEVA, I.N.; ARKHIPOVA, Z.V.; VESELOVSKAYA, Ye.V.; LEVINA, A.A.;
ANTOKOL'SKAYA, Ye.M.; LAZAREVA, N.P.; SAZHIN, B.I.; KHIN'KIS,
S.S.; SHCHERBAK, P.N.; GERBIL'SKIY, I.S.; LYANDZBERG, G.Ya.;
PARAMONKOVA, T.V.; PECHENKIN, A.L.; YEGOROV, N.M., red.;
SHUR, Ye.I., red.; FOMKINA, T.A., tekhn.red.

[Low-pressure polyethylene] Polietilen nizkogo davlenia.
Izd.2., ispr. i dop. Leningrad, Gos.nauchno-tekhn.izd-vo
khim.lit-ry, 1960. 95 p. (MIRA 14:1)

1. Nauchno-issledovatel'skiy institut polimerizatsionnykh plast-
mass (for all, except Yegorov, Shur, Fomkina).
(Polyethylene)

SEMENOVA, A.S.; PARAKONKOV, Ye.Ya.; FEDOTOV, B.G.; GOL'DENBERG,
A.L.; IL'CHENKO, P.A.; CHAPLINA, A.M.; SKURIKHINA, V.S.;
SAZHIN, B.I.; MATVEYEVA, Ye.N.; KOZOLA, A.A.; DYN'KINA,
G.M.; SIROTA, A.G.; RYBIKOV, Ye.P.; GERBILSKIY, I.S.;
SECHUTSKIY, S.V., red.; SHUR, Ye.I., red.

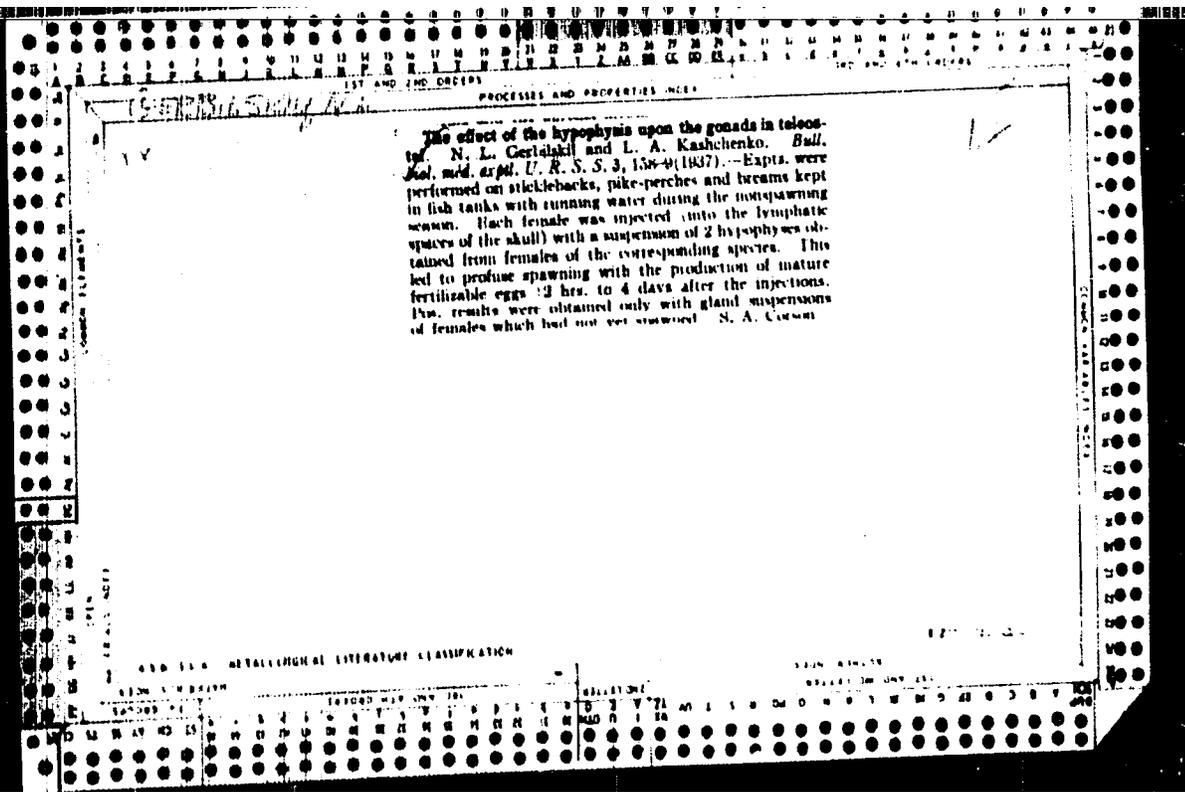
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Moskva, Khimiia, 1965. 89 p. (MIRA 18:7)

1. Nauchno-issledovatel'skiy institut polimerizatsionnykh
plastmass (for all except Shchutskiy, Shur).

GERBIL'SKIY, M. YU.

36975. BRANDORP, G. S. i GERBIL'SKIY, M. YU. Penitsillin v Terapii Rannego Vrosnennogo Sifilisa. Uchen. Zapiski (L'vovsk. Nauch.-issled. Kozhno-venerol. In-t), t. II, 1949, c. 12-16

SO: Lepotis' Zhurnal'nykh Statey, Vol 50, Moskva, 1949



PROCESSING AND PROPERTIES INDEX

G. P. HILSH, N. L.

BC a-4

(A) Effect of cranial injections of suspension of hypophysis in teleostei. (B) Influence of the gonadotropic agent of the hypophysis on spawning. N. L. Gromovskii (Dokl. Acad. Sci. U.S.S.R., 1954, 107, 277-280), 282-290. (A) Cranial injections of a suspension of hypophysis, in doses of two glands per fish, accelerate spawning in teleostei by 24-35 days. Intramuscular and intraperitoneal injections of *Acipenser baeri* have no effect, neither have cranial injections of suspensions of other organs.

(B) Cranial injections of a suspension of hypophysis (from male or female fish) accelerate spawning in females of the species *Acipenser stellatus*. Spawning can be induced close to the river mouth but the eggs do not develop completely. E. M. W.

METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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GERBIL'SKIY, N. L.

"Seasonal Changes of the Gonadotropic Potency of the Pituitary Glands in Fishes," Dokl. AN SSSR, 28, No.6, 1940

Lab. Dynamic Organism Development & Theoretical Pisciculture, Dept. Hydrobiology, Leningrad State U.

GERBIL'SKIY, N.L.

27674.

ZAKS, M.G. I GERBIL'SKIY, N.L. Vliyanie tiomocheviny na vynoslivost' K kislerodnosu golodaniyu lichinok I mal'kov lososya I foreli. trudy laboratorii os nov rybovodstva, t. II, 1949, s. 182-94. Bibliogr. 16 nazv.

SO: Knizhnaya Letopis, Vol. 1, 1955

GERBIL'SKIY, N. L.

Biological principles and methods of planned reproduction of sturgeon in connection with hydraulic construction. Vest. Len un. 6, No 9, 1951.

СРЕДСТВ, ...

Puti uvelichenia rybnykh zaspos v epokhu velikikh strook kommunizma [ways of increasing fish reserves in the era of the great construction projects of Communism]. Leningrad, Vsesoiuznoe o-vo po rasprostraneniu polit. i nauchn. znani. 1952. 132 p.

SO: Monthly List of Russian Accessions, Vol. 6, No. 5, August 1953

СЕРГИЙ, В. И.

Fish Culture

Expedition on the propagation of fish reserves in connection with hydro construction projects. Vest. Len. un. 7 No. 10, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

GERBIL'SKIY, N.L., doktor biologicheskikh nauk.

Biological principles and methods of preparing fish for transplantation in acclimatization work. Trudy sov. ikht. kom. no. 3:32-39 Je '54.

L. Kafedra ikhtiologii i gidrobiologii Leningradskogo universiteta
imeni A.A. Zhdanova.

(Acclimatization) (Fishes)

GERBIL'SKIY, N. L.

SHISHKIN, B. K., professor; ROMANKOVA, A. G., kandidat biologicheskikh nauk, starshiy nauchnyy sotrudnik; MARKOV, G. S., doktor biologicheskikh nauk, dotsent; DANILEVSKIY, A. S., kandidat biologicheskikh nauk, dotsent; SHTEYNBERG, D. M., doktor biologicheskikh nauk; LOMAGIN, A. G. aspirant; SELL'-BEKMAN, I. Y., mladshiy nauchnyy sotrudnik; ZHINKIN, L. N., doktor biologicheskikh nauk, professor; LIATOV, V. S., student V kursa; KOZLOV, V. Ye., kandidat biologicheskikh nauk, starshiy nauchnyy sotrudnik; KARTASHEV, A. I., kandidat biologicheskikh nauk, starshiy naychnyy sotrudnik; NITSENKO, A. A., starshiy naychnyy sotrudnik; VASILEVSKAYA, V. K., doktor biologicheskikh nauk, dotsent; RYUMIN, A. V., kandidat biologicheskikh nauk, NAUMOV, D. V., kandidat biologicheskikh nauk, mladshiy nauchnyy sotrudnik; KHOZATKIY, L. I. kandidat biologicheskikh nauk, dotsent; GOROBETS, A. M., kandidat biologicheskikh nauk, starshiy nauchnyy sotrudnik; GODLEVSKIY, V. S. assistant; GERBIL'SKIY, N. L., doktor biologicheskikh nauk, professor; ALEKSANDROV, A. D., professor; KOLODYAZHNIYY, V. I.; TURBIN, N. V.; ZAVADSKIY, K. M.

[Theory of species and the formation of species, Vest. Len.un. 9
no. 10:43-92 0 '54. (MLRA 8:7)

1. Chlen-korrespondent Akademii nauk SSSR (for Shishkin, Aleksandrov)

(Continued on next card)

SHISHKIN, S. K., professor; ROMANKOVA, A. G., kandidat biologicheskikh nauk, starshiy naychnyy sotrudnik, and others.

[Theory of species and the formation of species]. Vest. Len. un. 9 no. 10:43-92 0 '54. (MLRA 8:7)

2. Leningradskiy gosudarstvennyy universitet (for Shishkin, Romankova, Markov, Ipatov, Kozlov, Kartashev, Godlevskiy, Gerbil'skiy, Aleksandrov)
3. Zoologicheskiy institut Akademii nauk SSSR (for Shteynberg, Naumov)
4. Kafedra entomologii Leningradskogo gosudarstvennogo universiteta (for Danilevskiy). 5. Kafedra darvinizma Leningradskogo gosudarstvennogo universiteta (for Lomagin, Gorobets). 6. Kafedra geobotaniki Leningradskogo gosudarstvennogo universiteta (for Nitsenko). 7. Kafedra botaniki Leningradskogo gosudarstvennogo universiteta (for Vasilevskaya). 8. Kafedra zoologii i pozvonochnykh Leningradskogo gosudarstvennogo universiteta (for Khozatskiy). 9. Leningradskoye otdeleniye Vsesoyuznogo instituta udobreniy, agropochvovedeniya i agrotekhniki (for Sell'-Bekman)
10. Institut eksperimental'noy meditsiny Akademii meditsinskikh nauk, SSSR (for Zainkin)

(Origin of species)

TOKIN, Boris Petrovich, professor; GERBIL'SKIY, N.L. professor, redaktor;
MIL'NIKOVA, G.G., redaktor: IVANOV, V.V., tekhnicheskiy redaktor.

[Immunity of embryos] Immunitet sarodyshei. [Leningrad] Izd-vo
Leningradskogo universiteta, 1955. 95 p. (MLRA 8:8)
(Immunity) (Embryology)

GERBIL'SKIY, N.L., doktor biologicheskikh nauk, professor.

"Embryonic development of sturgeons (*Acipenser stellatus*, *A. gildenstadti*, *A. huso*) with relation to problems of sturgeon culture." T.A. Detlaf, A.S. Ginzburg. Reviewed by N.L. Gerbil'skii. Vop. ikht. no.5:186-192 '55. (MLRA 9:5)
(Sturgeons) (Detlaf, T.A.) (Ginzburg, A.S.)

DOLGO-SOBUROV, B.A., professor, redaktor; GERBIL'SKIY, N.L., redaktor;
GRIGOR'YEV, T.A., redaktor; YELISEYEV, V.G., redaktor; ZHDANOV,
D.A., redaktor; KNOPFE, A.G., redaktor KUPRIYANOV, V.V., redaktor;
MIKHAYLOV, V.P., redaktor; PRIVESA, M.G., redaktor; STUDITSKIY, A.N.,
redaktor; SHCHELKUNOVA, S.I., redaktor; KHARASH, G.A., tekhnicheskii
redaktor

[Problems in the morphology of the nervous system] Problemy morfologii
nervnoi sistemy [Leningrad] Gos. izd-vo med. lit-ry, Leningradskoe
otd-nie, 1956. 179 p. (MIRA 10:2)

1. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for
Dolgo-Soburov)
(NERVOUS SYSTEM)

GERBIL'SKIY, N.I., redaktor; DOGHL', V.A., redaktor [deceased]; DONDUA, A.K., redaktor; TOKIN, B.P., otvetstvennyy redaktor; CHUKSANOVA, N.A., redaktor; SHCHERBAKOVA, G.A., redaktor; IVANOVA, A.V., tekhnicheskiy redaktor

[Problems in present-day embryology; proceedings of a conference held January 25 - February 1, 1955 at Leningrad] Problemy sovremennoi embriologii; trudy soveshchaniia embriologov, 25 ianvaria - 1 fevralia 1955 g. Leningrad. [Leningrad] Izd-vo Leningradskogo univ., 1956. 399 p. (MLRA 10:2)

1. Soveshchaniye embriologov. Leningrad, 1955. 2. Leningradskiy Gosudarstvennyy universitet. Kafedra ikhtiologii i gidrobiologii (for Gerbil'-kiy) 3. Leningradskiy Gosudarstvennyy universitet. Kafedra embriologii (for Dondua, Tokin)
(EMBRYOLOGY—CONGRESSES)

USSR / General Biology. Individual Development.

B-4

Abs Jour : Ref Zhur - Biol., No 12, 1958, No 52412

Author : Gerbil'skiy, N. L.

Inst : Leningrad University

Title : Histological Analysis of Transition in Early Stages of Ontogenesis in Fish.

Orig Pub : V sb.: Probl. sovren. embriologii. L., Un-t, 1956, 122-129.

Abstract : The transition mechanism in fish from one stage of development to another is examined from the hatching of sturgeon embryos and substitution of yolk nutrition in larvae of sturgeon fish (osetra, belugi and sevryugi), nutrient assimilation, and absorption from without. Study of the structure of the hatching gland of sturgeon before hatching and its gradual degeneration after hatching indicates that the staggered transition of the embryo to the free

Card 1/2

USSR / General Biology. Individual Development.

B-4

Abs Jour : Ref Zhur - Biol., No 12, 1958, No 52412

form of life is prepared by a lengthy and complex process. Transition from yolk feeding to assimilation of nutrients absorbed from without is accomplished gradually by an asynchronous path in various portions of a food digestion tube, substituting the embryonic function (yolk absorption) by a definitive function (cavity food - digestion): bordered epithelium develops earlier in portions of the spiral valve and the rear section of the middle intestine, then -- in the stomach; the corresponding cavity food digestion begins first in the region of the spiral valve, at the time when in the stomach there still proceeds phagocytosis of the yolk seed (continuing in the pyloric portion of the stomach and after the beginning of active feeding, in the period of the mixed feeding). Hatching at the beginning of active feeding can occur at various moments of morphogenesis. -- A. S. Ginzburg.

Card 2/2

~~GERBIL'SKIY, N.J.~~

Role of the nervous system in the transition of the fish
organism into a state ready for spawning. Trudy Kar.fil. AN
SSSR no.5:6-12 '56. (MIRA 10:7)

1. Leningradskiy gosudarstvennyy ordena Lenina universitet
imeni A.A. Zhdanova.
(Fishes) (Nervous system) (Reproduction)

GORBIL'SKIY, N.L. (Leningrad, V.O. 7-ya, d.32 kv. 13)

Specific nature and tasks of ecological histophysiology as one of
the directions in histological investigations. Arkh.anat.gist. i
embr. 33 no.2:14-21 Ap-Je '56. (MIRA 9:10)

(HISTOLOGY,
ecol.histol., specificity & role (Rus))

US3R / General Biology. Evolution.

B-6

Abs Jour: Ref Zhur-Biol., No 18, 1958, 81103.

Author : Gerbillsky, N. L.
Inst : Not given.
Title : Intra-species Biological Differentiation and
Its Biological Significance in the Fish World.

Orig Pub: Vestn. Leningr. un-ta, 1957, No 21, 82-92.

Abstract: Biological differentiation in the sphere of the species is considered to be a very important form of adaptation widely represented in nature thanks to which the species utilizes more completely the conditions, represented by the region or a relatively isolated part of the region. This condition is illustrated by many examples. Above all, there is elaborated the question of differentiation, within range of

Card 1/4

USSR / General Biology. Evolution.

-6

Abs Jour: Ref Zhur-Biol., No 18, 1958, 81103.

Abstract: one river, of the anadromous forms of a school of sturgeons. Thanks to the run, at different times, up the river, to the different conditions of the producers in the period of the run, to the variety of places and dates of spawning, such "biological groups" enable the sturgeon school to utilize more completely, for spawning purposes, the gravel regions of unsilted bottoms of the river, safeguard more completely the utilization of zooplankton and bathos by the very young, as well as the full alternative utilization of the feeding base for adult individuals on marine pasture grounds. Therefore, the direction of such differentiation, the habitat of "biological groups", the degree of their stability depend upon those hydrographic and hydro-

Card 2/4

31

USSR / General Biology. Evolution.

B-6

Abs Jour: Ref Zhur-Biol., No 18, 1958, 81103.

Abstract: drobiologic peculiarities, which possess a substantial significance for the given species. In the article, this indicated by the examples of differentiation within the limits of the schools of the sturgeon rivers, Kura, Volga and Samur.

There is discussed the problem of the rapidity of the process of biological and morphological differentiations of the species, and it is concluded that such changes may develop in the course of thousands of years. The author connects the original stages of intra-species changeability with the functional differences, which may be useful for diagnostic purposes. The author assumes that the intra-species biological differ-

Card 3/4

USSR / General Biology. Evolution.

B-6

Abs Jour: Ref Zhur-Biol., No 18, 1958, 81103.

Abstract: entiation in fish is based first of all on the changes in the "system of correlatives" (in the conception of E. E. Schmalhausen). Thus, adaptations, linked with propagation, rest upon the plasticity of one system of correlatives; on the basis of intra-species differentiation, linked with a different degree of euryhalinity ? rest the properties of another system, and so on. The author considers indispensable the revision of the intra-species systematism, basing himself upon the ideas of A. N. Severtsov of the construction of systematism on a biological foundation.

Card 4/4

32

GERBIL'SKIY, N. L.
GERBIL'SKIY, N. L. (Leningrad)

Basic paths of the development of histophysiology in the U.S.S.R.
Usp. sovr. biol. 44 no. 2: 241-255 S-O '57. (MIRA 10:12)
(PHYSIOLOGY) (CELLS)

GERBIL'SKIY, N.L., prof.

Principal trends in the work of the expedition for the study of the reproduction of fish stocks in connection with hydroelectric construction work (1952-1955). Uch. zap. IOU no.228:3-10 '57.

(Fisheries--Research)

(MIRA 10:11)

Gorb, L. S. N. L.

GERBIL'SKIY, N.L., prof.

Development of intraspecific biological differentiation, types of
anadromous migrants, and the migration impulse in sturgeons. Uch.
zap. IGU no. 228:11-32 '57. (MIRA 10:11)
(Sturgeons) (Fishes--Migration) (Zoology--Ecology)

GERBIL'SKIY, N. L.

GERBIL'SKIY, N.L., prof.

Second variant of the pond method of rearing young sturgeons. Uch.
zap. IGU no.228:94-102 '57. (MIRA 10:11)
(Volga Delta--Sturgeons) (Fish culture)

GERBIL'SKIY, N.L., doktor biol.nauk

Migration impulse and the analysis of intraspecific biological groups.
Trudy sov.ikht.kom. no.8:142-152 ' 58. (MIRA 11:11)

1. Kafedra ikhtiologii i gidrobiologii Leningradskogo universiteta
imeni A.A. Zhdanova.
(Fishes--Migration)

GERBIL'SKIY, N.L.

"Study of pancreatic secretion" [in German] by V. Becker. Reviewed
by N.L. Gerbil'skii. Arkh.anat.gist. 1 embr. 35 no.6:126 N-D '58.
(MIRA 12:1)

(PANCREAS--SECRETIONS)
(BECKER, V.)

GERBIL'SKIY, N.L.

Theory of the biological development of sturgeons and its use
in the practice of sturgeons culture. Uch.zap.LGU no.311:5-18
'62. (MIRA 15:8)

(Sturgeons)

GERBIL'SKIY, N.L.

Theory of the biological progress of the species and its significance
in ecology. Vop. ekol. 4:20 '62. (MIRA 15:11)

1. Gosudarstvennyy universitet, Leningrad.
(Species) (Evolution)

ACCESSION NR: AR4036345

S/0299/64/000/007/D005/D006

SOURCE: Referativnyy zhurnal. Biologiya, Abs. 4D37

AUTHOR: Garbil'skiy N.L.

TITLE: System analysis of species adaptation and its significance in the theory and practice of acclimatization

CITED SOURCE: Sb. Akklimatis. zhivotnykh v SSSR, Alma-Ata, AN KazSSR, 1963, 7

TOPIC TAGS: acclimatization, species adaptation, adaptation, adaptive radiation, ecology

TRANSLATION: The determining prerequisite during planning of acclimatizing measures is the consideration and analysis of adaptations conducive to the biological progress of the species in nature. Adaptations which limit the number and spread of the species, produce systems of specific adaptations which are characteristic for the species to the same degree as the sum of its diagnostic features. The character of intraspecies and intrapopulation adaptive radiation--is the most important index of the importance of the species as an object of acclimatization. G. Klevezal'

Card 1/2

ACCESSION NR: AR6036345

DATE ACQ: 17Apr64

SUB CODE: LS

ENCL: 00

Card 2/2

GERMILSKIY, N. L., Leningrad

"The role of the endocrine system in the development of phylogenetic adaptations
in the process of evolution of fishes."

report submitted for 2nd Intl Cong of Endocrinology, London, 17-22 Aug 64.

POLENOV, A.L., otv. red.; GERBIL'SKIY, N.L., otv. red.; ALESHIN, B.V., red.; BARANNIKOVA, I.A., red.; ZAKS, M.G., red.; YAKOVLEVA, I.V., red.

[Neurosecretory elements and their significance in the body] Neurosekretornye elementy i ikh znachenie v organizme. Moskva, Nauka, 1964. 238 p. (MIRA 17:11)

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VISHNEVSKAYA, S.M.; UDOVICHENKO, G.S.; BIRYUKOVA, K.V.; ⁸GERBIL'SKIY, V.L.;
MUKVOZ, L.G.; RUBNITSKAYA, N.E.; KORNIYENKO, Ye.I.; GURBYICH, Ye.N.;
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Epidemiology and prevention of helminth infections in the region of construction of the Kakhovka hydroelectric project and the South Ukrainian Canal. Med. paras. i paras. bol. no.3:244-248 J1-S '54.

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1. Iz gel'mintologicheskogo otdela Ukrainskogo nauchno-issledovatel'skogo instituta malyarii i meditsinskoj parazitologii imeni prof. Rubashkina (dir. instituta I.A.Demchenko, sav. otdelom prof. Ye.S. Shul'man), iz epidemiologicheskogo otdela Kiyevskogo instituta epidemiologii i mikrobiologii (dir. instituta S.N.Terekhov, sav. otdelom otsent Yu.Ye.Birkovskiy), iz kafedry biologii i parazitologii Dnepropetrovskogo meditsinskogo instituta (sav. kafedroy dotsent V.L. Gerbil'skiy), iz Zaporozhskoy oblastnoy protivomalyariyno stantsii (sav. stantsiyey I.P.Agafonov), iz Dnepropetrovskoy oblastnoy protivomalyariyno stantsii (sav. stantsiyey M.K.Shevchuk, iz Nikolayevskoy oblastnoy protivomalyariyno stantsii (sav. stantsiyey S.I.Ganyuni).
(HELMINTH INFECTIONS, prevention and control,
Russia, on construction of waterways)

GEBLL'SKIY, V.L.

Pathological changes of the intestinal wall obstructed by a conglomerate of *Toxocara canis*. Med. paraz i paraz. bol. 24 no.4:295-297 0-D '55.

(MIRA 9:1)

1. Iz kafedry biologii i parazitologii Dnepropetrovskogo meditsinskogo instituta.

(ASCARIASIS, experimental,
intestinal pathol. adjacent to conglomeration of
Toxocara canis)

G, GERBIL'SKIY, V.L.

USSR/Zooparasitology - Parasitic Worms.

G-3

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10059

Author : Gerbil'skiy, V.L., Sych, G.Ya.

Inst : -

Title : Penetration of Ascaridate Larvae into Vascular Net of the Large Circuit.

Orig Pub : Med. parazitol. i parazitarn. bolezni, 1957, 26, No 2, 177-181

Abstract : In experiments on dogs it was shown that toxocara larvae penetrate into the large circuit of blood circulation from the lungs through anastomoses between lung arteries and veins.

*Chair, Biology & Parasitology,
Dnepropetrov Medical Inst.*

Card 1/1

GERBIL'SKIY, Y.I.; BOGDANOVICH, V.V.

Larval ascariasis as an allergic disease. Trudy Gel'm. lab. 9:73-75
'59. (MIRA 13:3)

(ASCARIDS AND ASCARIASIS) (ALLERGY)

GERBIL'SKIY, V.I.

Pathomorphological changes of a local and general nature in
the liver in helminthiasis. Trudy Ukr. resp. nauch. obva paras.
no. 2864-73 '63 (MIRA 17:3)

BLOKHINTSEVA, T.D.; GERBINNIK, V.G.; ZHUKOV, V.A.; LIBMAN, G.; NEMENOV, L.L.;
SBLIVANOV, G.I.; YUAN' ZHUN-FAN

Interaction between 340 Mev. π^- -mesons and hydrogen. Zhur. eksp.
i teor. fiz. 44 no.1:116-126 Ja '63. (MIRA 16:5)

1. Ob'yedinennyy institut yadernykh issledovaniy.
(Nuclear reactions) (Mesons) (Hydrogen)

GROMOV, H.K., inzhener; GERBKO, A.A., inzhener.

Twenty-five years of Soviet central heating systems. Gor.khoz.Mosk. 23 no.11:
11-17 N '49. (MLRA 6:11)
(Moscow--Heating from central stations) (Heating from central stations--
Moscow)

GERBKO, A.A., glavnyy inzhener.

Efficient heat supply systems for Moscow city districts. Gor.khoz.Mosk. 27
no.R:27-29 Ag. '53. (MLRA 6:8)

1. Toplivno-energeticheskoye upravleniye Mosgorispolkoma.
(Moscow--Heating from central stations) (Heating from central
stations--Moscow)

SEARCHED
INDEXED

AUTHOR: Shpeyer, M.G. (Engineer) SOV/96-59-6-19/22
TITLE: Conference on the Construction of Thermal Systems
(Soveshchaniye po voprosam stroitel'stva teplovykh setey)
PERIODICAL: Teploenergetika, 1959, Nr 6, pp 90-91 (USSR)

ABSTRACT: An All-Union Conference on the construction of thermal systems was held in Moscow on the 11th - 13th March; it was convened by the Moscow Directorate of the Scientific-Technical Society of the Power Industry (District Heating Section). Representatives of the Acad.Sci. USSR, GOSSTROY USSR, GOSPLAN USSR, Councils of National Economy, design, operating, and erection organisations, and educational and research institutes participated in the conference. Thirteen reports were read and a number of communications were made. Ye.Ya. Sokolov read a report on 'The present state and future prospects of district heating'. The reports by Engineer S. Ye. Zakharenko of Mosteploset'stroy and Engineer A.A. Gerbko (Mospodzemstroy) dealt with the need for a review of methods of laying heating systems. Engineer A.I. Odnopozov (Glavleningradstroy) described the specially difficult conditions of laying heating systems in

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SOV/96-59-6-19/22

Conference on the Construction of Thermal Systems

Leningrad. The report of Cand.Tech.Sci. A.A. Skvortsov of the All-Union Thermal-Technical Institute stressed the need to mechanise the construction of heating systems as far as possible. Engineer A.A. Lyamin of Mosenergoprojekt described the use of ready-made reinforced concrete ducts for the construction of large diameter heat supply pipes. Cand.Tech.Sci. V.P. Vital'yev of ORGRES discussed costs of different methods of making heating systems. Engineer M.G. Shpeyer of Teploelektroproyekt discussed the mechanical strength of different types of heating supply system construction. The Conference noted the need to introduce new types of construction and thermal insulation. The Conference requested various responsible bodies to test a number of new types of construction. Other detailed recommendations were made. There are no figures, no references.

Card 2/2

GERBNER, M.

EXCERPTA MEDICA Sec.2 Vol.9/12 Physiology, etc. Dec 56

5586. GERBNER M., ALTMAN K. and KOVÁCS M.-B. Physiol. Inst., Med. Univ., Budapest. *Über den Mechanismus des diuretischen bedingten Reflexes. Mechanism of the diuretic conditioned reflex ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1956, 9/suppl. (47-48)

A conditioned reflex to water administration was elaborated in dogs with chronic ureter fistula. In the conditioned diuretic reflex the urine volume and its degree of dilution increase. GFR (as determined from endogenous creatinine clearance) increases. The excretion of Na is considerably greater with the conditioned than with the unconditioned reflex. The changes with building up of differentiation were studied.

Schück - Prague